





How to change: Mercedes W203 front brake discs – replacement guide

 VIDEO TUTORIAL

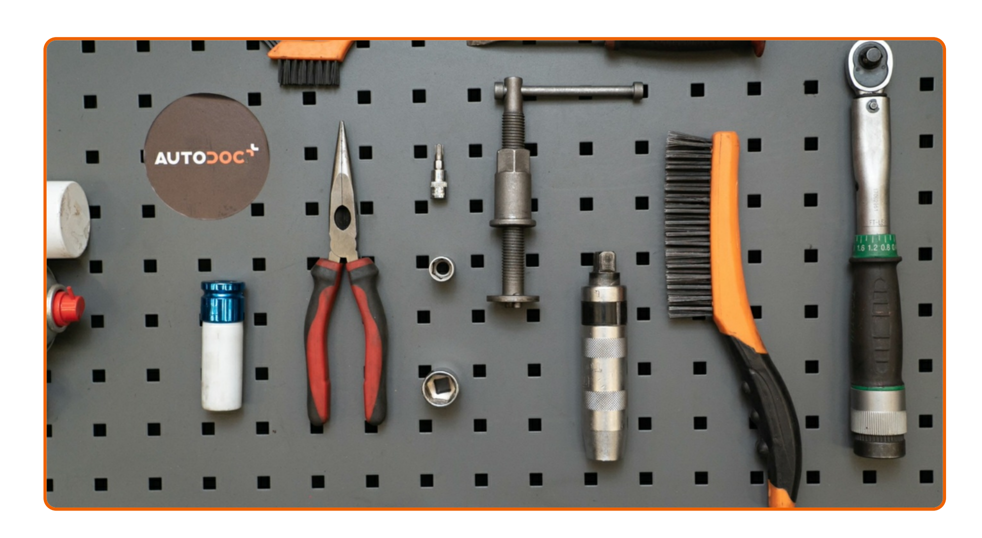
Important!

This replacement procedure can be used for:
MERCEDES-BENZ C-CLASS (W203) C 240 (203.061), MERCEDES-BENZ C-CLASS T-Model (S203) C 240 (203.261), MERCEDES-BENZ CLK (C209) 240 (209.361), MERCEDES-BENZ CLK Convertible (A209) CLK 240 (209.461)

The steps may slightly vary depending on the car design.



REPLACEMENT: BRAKE DISCS – MERCEDES W203. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Drive socket # 12
- Drive socket # 18
- Torx bit T30
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Tap wrench
- Impact screwdriver
- Crow bar
- Round-nose pliers
- Wheel chock

Replacement: brake discs – Mercedes W203. Tip from AUTODOC:

- Replace the brake disks on the car Mercedes W203 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – MERCEDES W203. RECOMMENDED SEQUENCE OF STEPS:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the front of the car and secure on supports.

5



Unscrew the wheel bolts.

Replacement: brake discs – Mercedes W203. Tip:

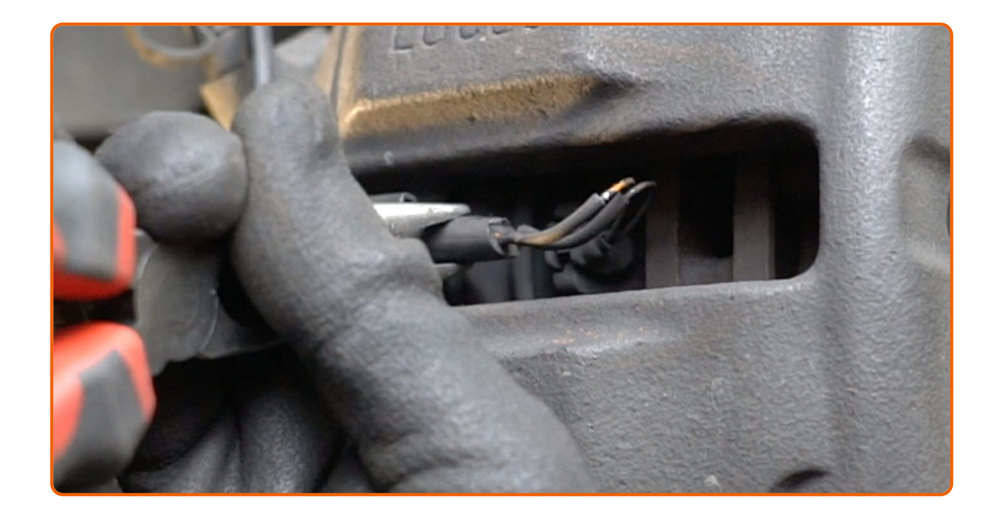
- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

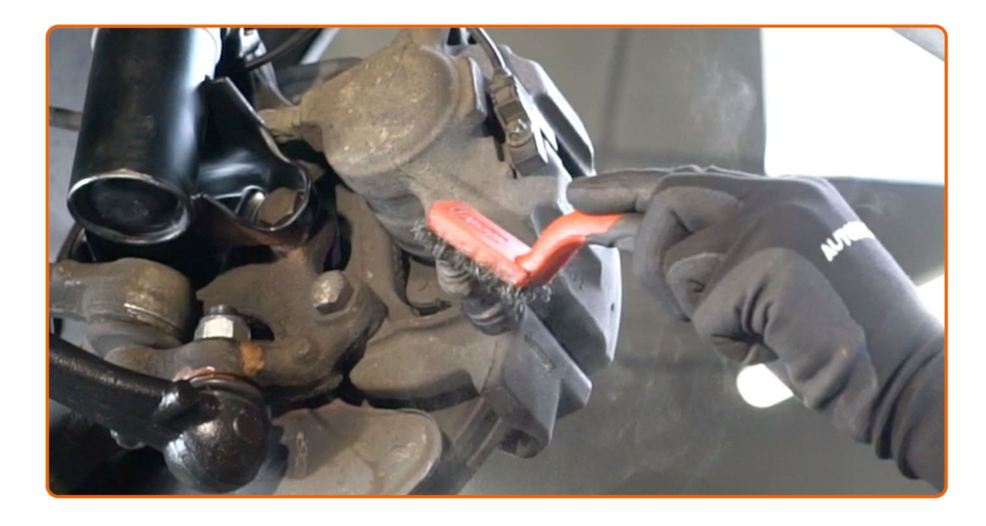
7



Detach the connector of the brake pad wear sensor. Use round-nose pliers.

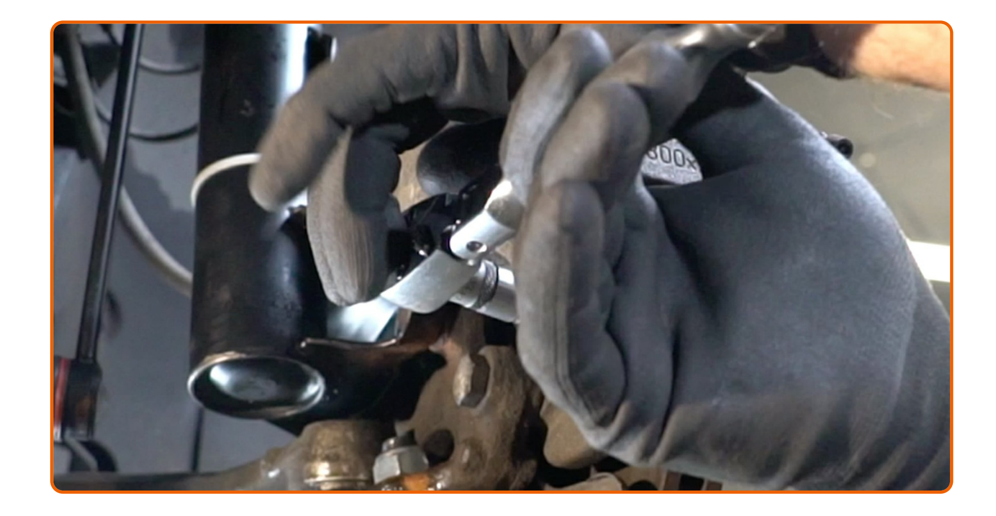


8



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

9



Unscrew the brake caliper fastening. Use a drive socket #12. Use a ratchet wrench.

10



Spread the brake pads. Use a crowbar.

11

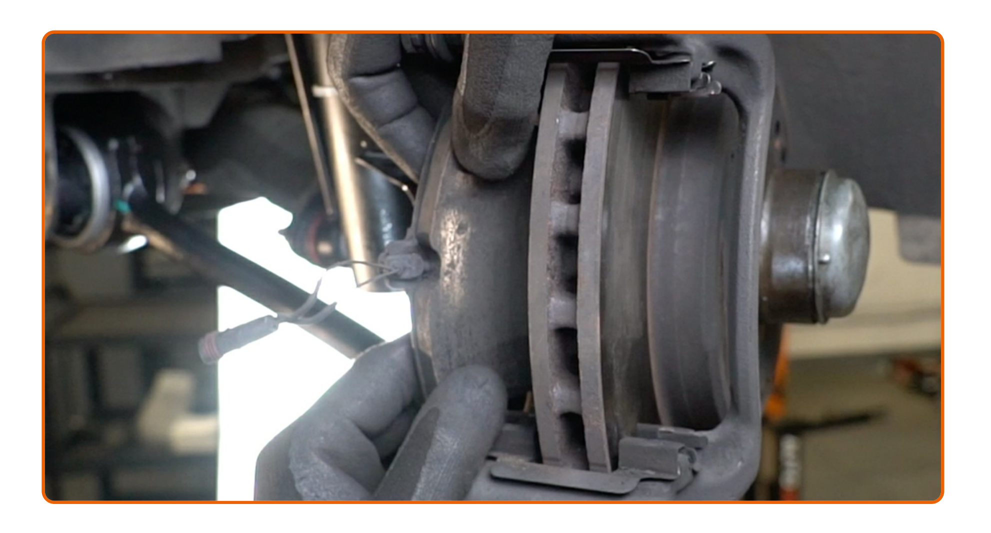


Remove the brake caliper.

Replacement: brake discs – Mercedes W203. Professionals recommend:

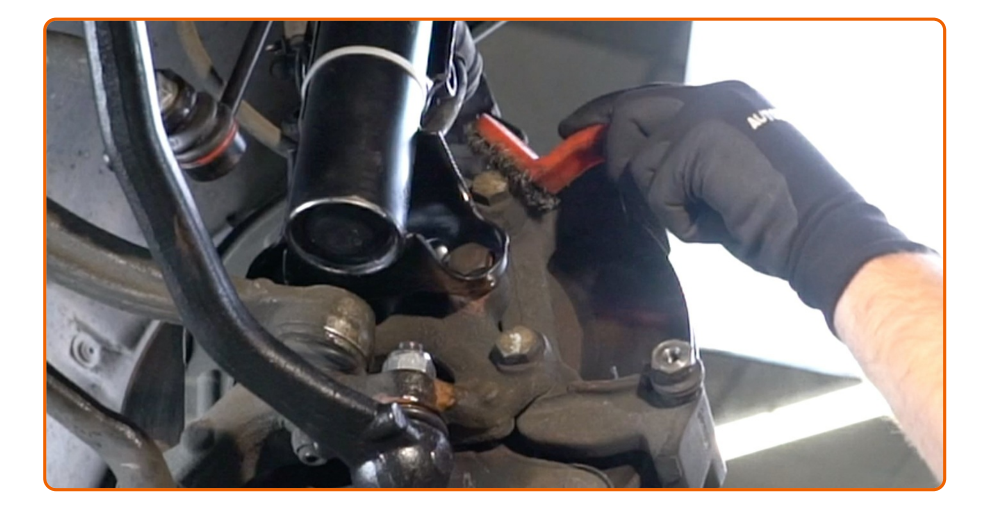
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12



Remove the brake pads.

13



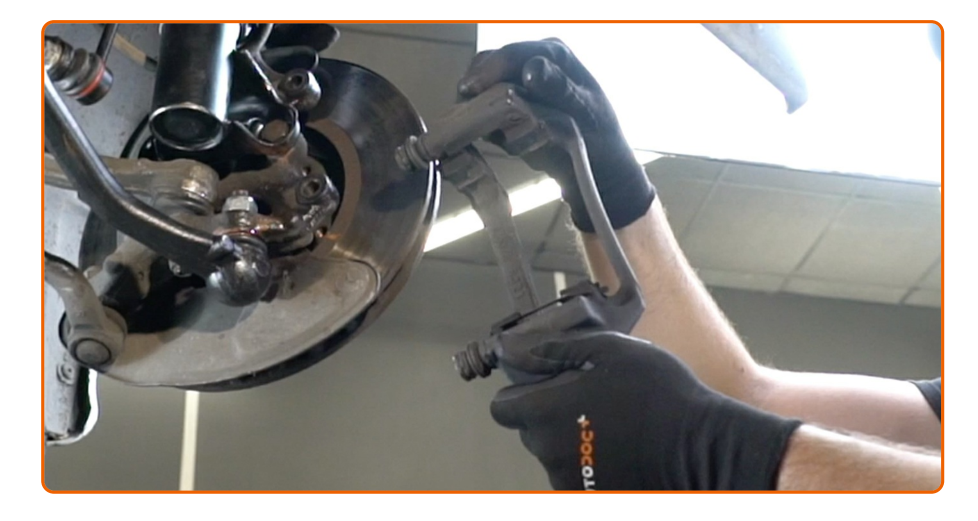
Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

14



Unscrew the caliper bracket fastening. Use a drive socket #18. Use a tap wrench. Use a ratchet wrench.

15



Remove the caliper bracket.

16



Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

17



Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.

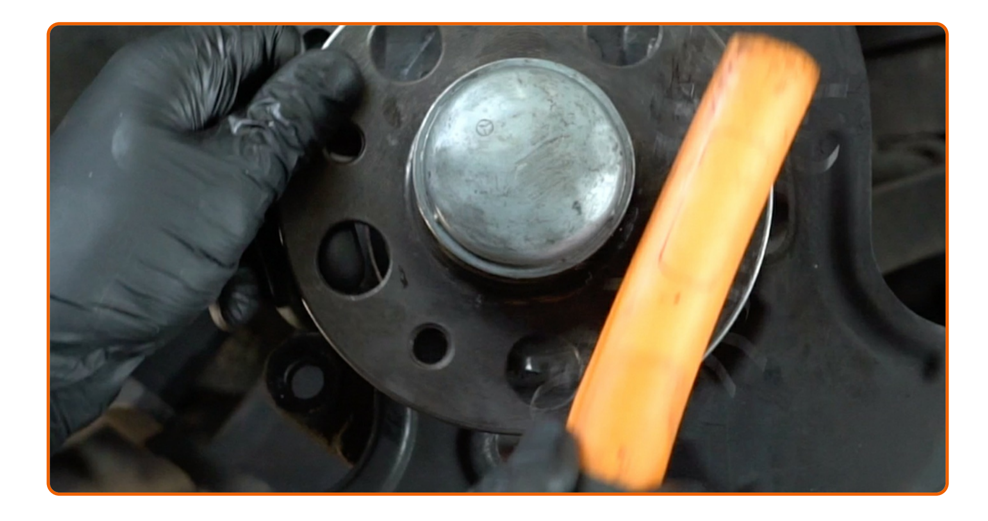
18



Remove the brake disc.



19



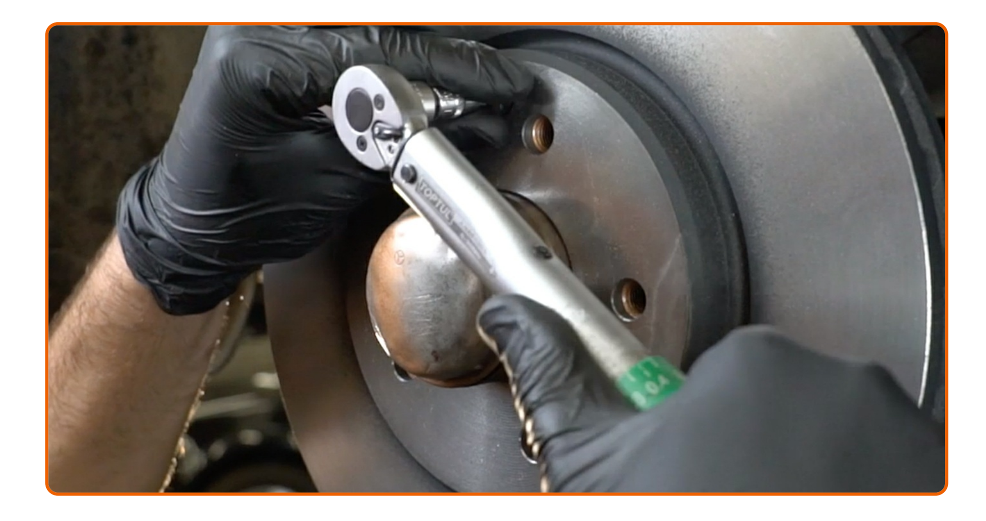
Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

20



Install the brake disc.

21



Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 9 Nm torque.

22

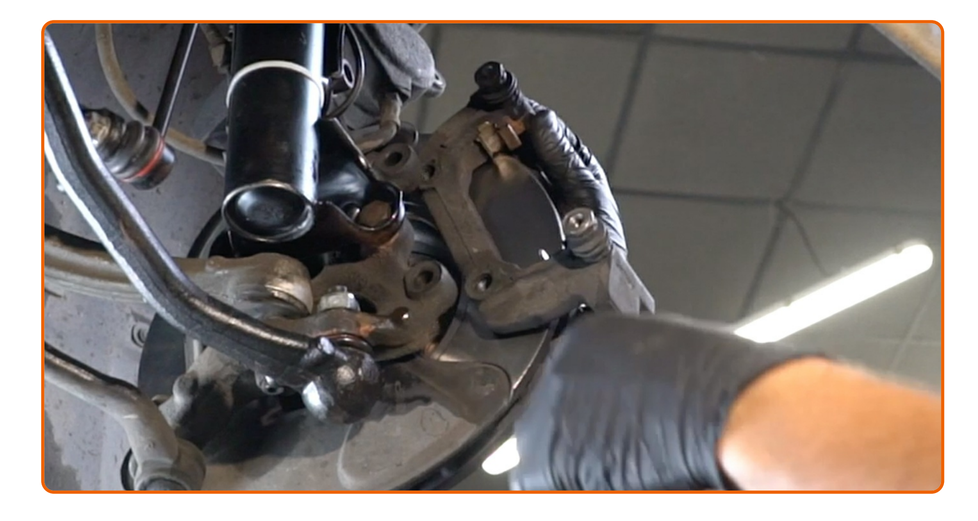


Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

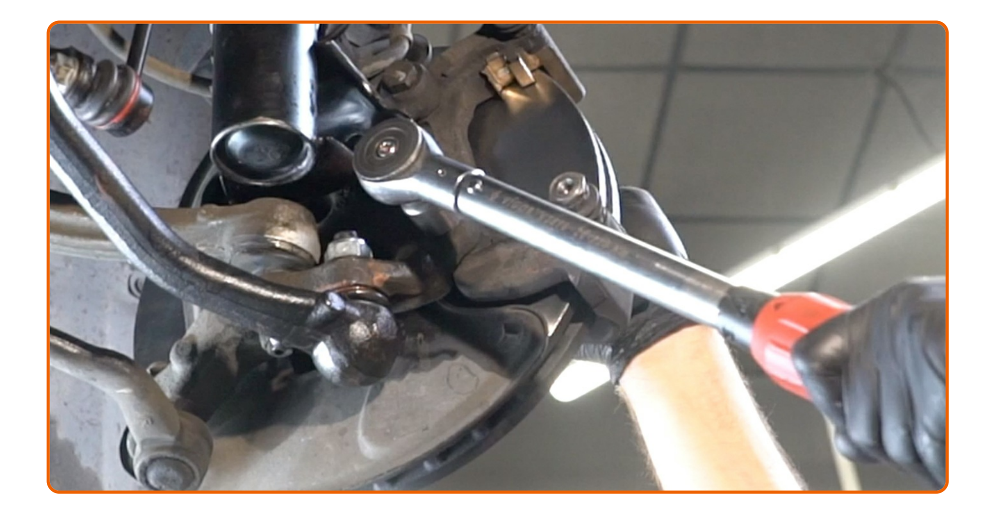
- Replacement: brake discs – Mercedes W203. After applying the spray, wait a few minutes.

23



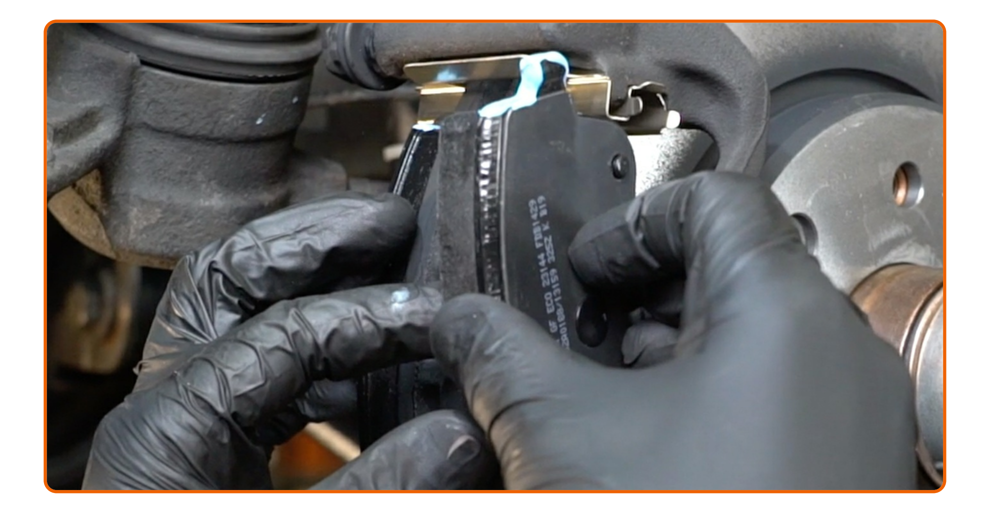
Install the brake caliper bracket.

24



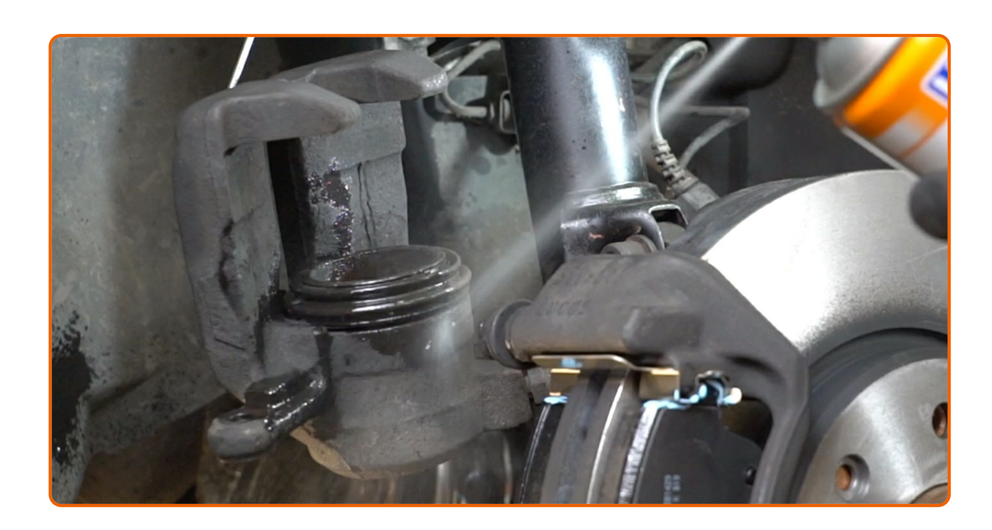
Tighten the brake caliper bracket. Use a drive socket #18. Use a torque wrench. Tighten it to 75 Nm torque.

25



Install the brake pads.

26

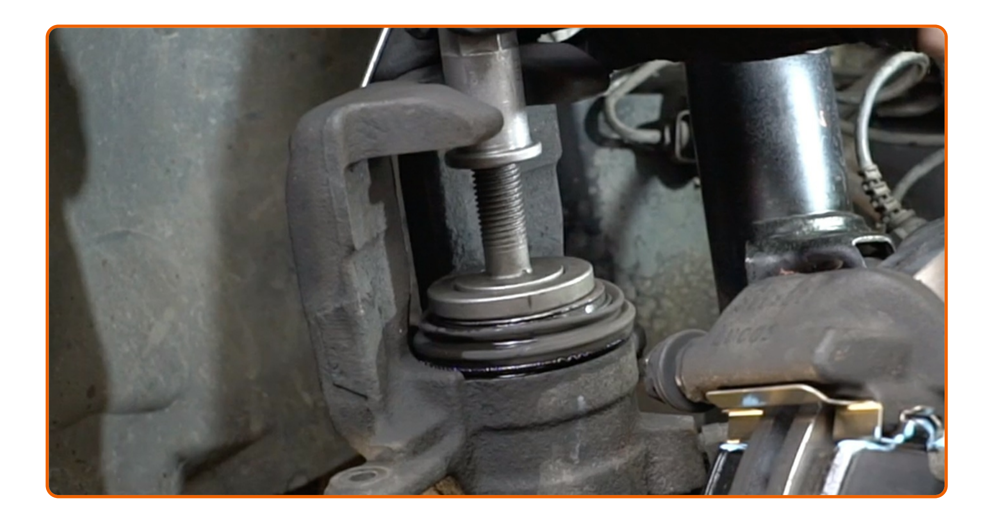


Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

Replacement: brake discs – Mercedes W203. AUTODOC recommends:

- After applying the spray, wait a few minutes.

27



Press in the brake caliper piston. Use brake caliper wind back tool.

28



Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 35 Nm torque.

29



Attach the connector of the brake pad wear sensor.

30



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

31



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

32



Install the wheel.



Replacement: brake discs – Mercedes W203. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

33



Screw in the wheel bolts. Use wheel impact socket #17.

34



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

35



Remove the jacks and chocks.

AUTODOC recommends:

- Important! Replacement: brake discs – Mercedes W203. Check the brake fluid level in the reservoir and top up if necessary.

36



Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake discs – Mercedes W203. AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

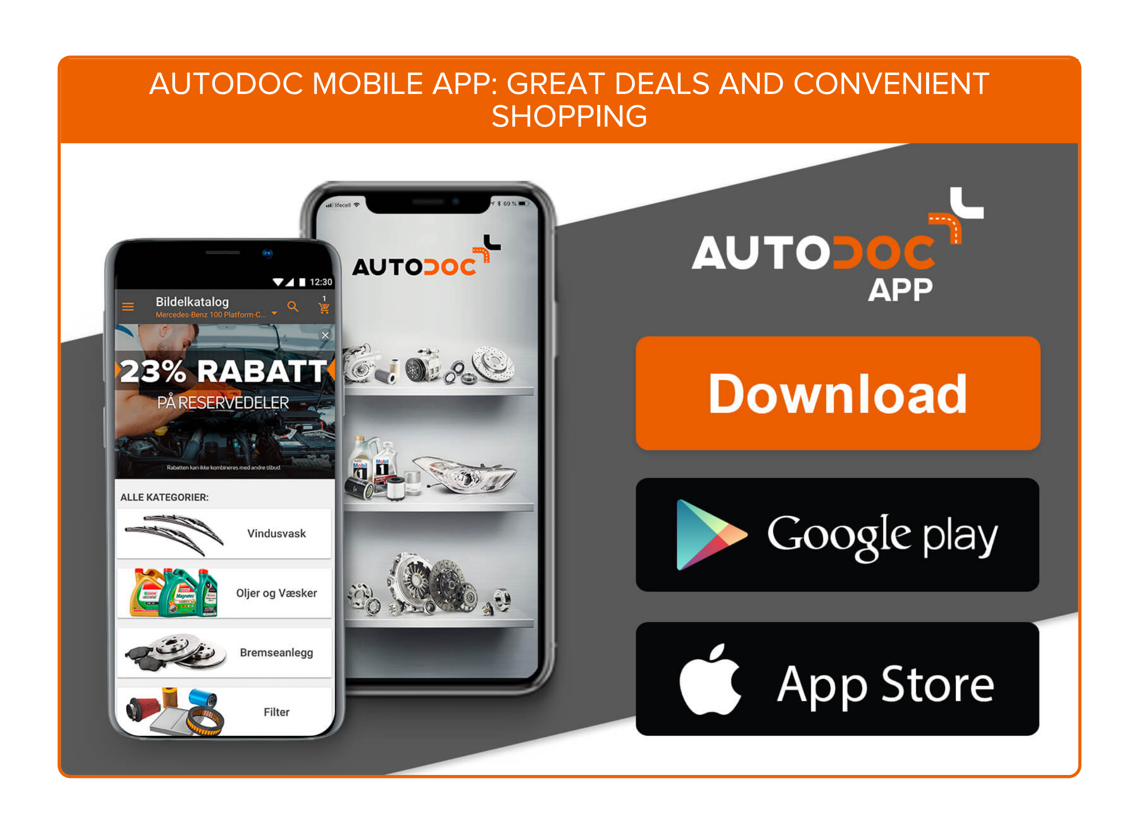


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CHOOSE CAR PARTS FOR MERCEDES W203


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